

Title (en)

COATING MATERIAL FOR FORMING A GAS-BARRIER LAYER AND A GAS-BARRIER MULTILAYER BODY

Title (de)

BESCHICHTUNGSSTOFF ZUR BILDUNG EINER GASBARRIERESCHICHT UND GASBARRIEREMEHRSCICHTKÖRPER

Title (fr)

MATÉRIAU DE REVÊTEMENT DESTINÉ À FORMER UNE COUCHE BARRIÈRE CONTRE LES GAZ ET CORPS MULTICOUCHE BARRIÈRE CONTRE LES GAZ

Publication

**EP 2058378 A1 20090513 (EN)**

Application

**EP 07806321 A 20070830**

Priority

- JP 2007066844 W 20070830
- JP 2006233729 A 20060830
- JP 2006233730 A 20060830

Abstract (en)

Disclosed is a coating material for forming a gas barrier. The coating material includes a polyalcohol polymer, a polycarboxylic acid polymer, and a divalent or higher-valent metal compound whose surface is coated with a poorly water-soluble component, or alternatively a monovalent metal compound whose surface is coated with a poorly water-soluble component and a divalent or higher-valent metal compound whose surface is coated with a poorly water-soluble component. By applying this coating material to a plastic substrate layer, a gas-barrier multilayer body having a gas-barrier layer formed thereon is obtained.

IPC 8 full level

**C08J 7/043** (2020.01); **C08J 7/048** (2020.01); **C08J 7/056** (2020.01); **C09D 7/62** (2018.01)

CPC (source: EP KR US)

**C08J 7/043** (2020.01 - EP US); **C08J 7/048** (2020.01 - EP US); **C08J 7/056** (2020.01 - EP US); **C09D 7/62** (2017.12 - EP US); **C09D 129/02** (2013.01 - KR); **C09D 129/04** (2013.01 - EP US); **C09D 131/02** (2013.01 - KR); **C08J 2429/04** (2013.01 - EP US); **C08K 3/105** (2017.12 - EP US); **C08K 9/02** (2013.01 - EP US); **C08K 9/04** (2013.01 - EP US); **C08K 2201/008** (2013.01 - EP US); **C08L 33/02** (2013.01 - EP US); **C08L 35/00** (2013.01 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/256** (2015.01 - EP US); **Y10T 428/258** (2015.01 - EP US); **Y10T 428/31855** (2015.04 - EP US); **Y10T 428/31971** (2015.04 - EP US)

Cited by

EP3275646A4; EP2896501A4; US10422040B2; US10557205B2; WO2023102725A1

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